

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

Web address: <http://water.usgs.gov/orh/nrwww/odrm>

Summary river data for February 2 - 8, 2004 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river				Diversions to New York City water supply				Average June 1, 2003 to date	
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville		Neversink
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800			
Feb. 2	29	62	16	98	496	296	0	500		
3	29	57	16	118	496	296	0	501		
4	34	62	16	77	496	296	0	502		
5	55	56	16	66	495	296	0	504		
6	29	66	16	106	495	210	0	504		
7	29	84	16	113	495	195	0	505		
8	29	79	16	106	495	195	0	506		

Pepacton Reservoir (P):	Available storage Feb. 9, 2004 (0800) Spillway crest elevation 1,280.00 ft.	127.917 billion gals. 91.2 % (elev. 1,273.18 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 9, 2004 (0800) Spillway crest elevation 1,150.00 ft.	93.820 billion gals. 98.0 % (elev. 1,148.76 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 9, 2004 (0800) Spillway crest elevation 1,440.00 ft.	35.041 billion gals. 100.3 % (elev. 1,440.20 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 9, 2004 (0800) Combined capacity at spillway level.	256.778 billion gals. 94.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 8, 2004 (2400) Spillway crest elevation 1,190.00 ft.	18.722 billion gals. 52.8 % (elev. 1,180.9 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 2	0	45	87	25	131	89	2,623	3,000	0	2,994	0	0
3	0	45	85	25	300	124	2,921	3,500	0	2,994	0	0
4	0	45	96	25	363	124	2,747	3,400	0	2,994	.51	.51
5	0	45	88	25	346	113	2,683	3,300	0	2,994	0	.51
6	0	45	96	25	310	117	2,607	3,200	0	2,994	.31	.82
7	0	53	87	25	292	160	2,583	3,200	0	2,994	.36	1.18
8	0	85	102	25	0	160	2,728	3,100	0	2,994	0	1.18

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2003 is 11,418 cfs-days. Sixty percent is to be released under normal conditions and forty percent is to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 6.

Diversions by New Jersey through the D & R Canal February 2 - 8, 2004 averaged 74.7 mgd. The average diversion for the 30-day period ending February 8, 2004 was 92.4 mgd and the maximum diversion during the period was 103 mg on January 25, 26, and 28, 2004.

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Summary river data for February 9 - 15, 2004 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river				Diversions to New York City water supply				Average June 1, 2003 to date
	Pepacton	Cannonsville	Neversink		Pepacton	Cannonsville	Neversink		
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
Feb. 9	29	77	16	97	495	196	0	507	
10	29	82	16	97	495	195	0	507	
11	29	90	16	93	495	195	0	508	
12	29	91	16	91	494	196	0	509	
13	29	90	16	96	494	295	0	510	
14	29	92	16	92	494	295	0	511	
15	29	98	16	90	494	295	0	512	

Pepacton Reservoir (P):	Available storage Feb. 16, 2004 (0800) Spillway crest elevation 1,280.00 ft.	125.122 billion gals. 89.3 % (elev. 1,271.58 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 16, 2004 (0800) Spillway crest elevation 1,150.00 ft.	92.618 billion gals. 96.8 % (elev. 1,147.97 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 16, 2004 (0800) Spillway crest elevation 1,440.00 ft.	35.011 billion gals. 100.2 % (elev. 1,440.14 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 16, 2004 (0800) Combined capacity at spillway level.	252.751 billion gals. 93.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 15, 2004 (2400) Spillway crest elevation 1,190.00 ft.	18.194 billion gals. 51.3 % (elev. 1,180.6 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 9	0	45	130	25	70	160	2,670	3,100	0	2,994	0	1.18
10	0	45	122	25	365	152	2,691	3,400	0	2,994	0	1.18
11	0	45	119	25	434	163	2,414	3,200	0	2,994	.02	1.20
12	0	45	127	25	353	170	2,380	3,100	0	2,994	0	1.20
13	0	45	139	25	331	191	2,269	3,000	0	2,994	0	1.20
14	0	45	141	25	268	195	2,226	2,900	0	2,994	0	1.20
15	0	45	139	25	0	177	2,114	2,500	0	2,994	0	1.20

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2003 is 11,418 cfs-days. Sixty percent is to be released under normal conditions and forty percent is to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 6.

Diversions by New Jersey through the D & R Canal February 9 - 15, 2004 averaged 94.6 mgd. The average diversion for the 30-day period ending February 15, 2004 was 91.8 mgd and the maximum diversion during the period was 103 mg on January 25, 26, and 28, 2004.

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Summary river data for February 16 - 22, 2004 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river				Diversions to New York City water supply				Average June 1, 2003 to date	
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville		Neversink
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800			
Feb. 16	29	103	16	84	494	295	0	513		
17	29	106	16	40	494	295	0	514		
18	29	109	16	40	493	295	0	515		
19	29	112	16	45	493	295	0	516		
20	29	114	16	46	493	295	0	517		
21	28	132	16	47	493	294	0	518		
22	29	148	16	46	493	294	0	519		

Pepacton Reservoir (P):	Available storage Feb. 23, 2004 (0800)	122.498 billion gals.	87.4 % (elev. 1,270.06 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.	
Cannonsville Reservoir (C):	Available storage Feb. 23, 2004 (0800)	90.580 billion gals.	94.6 % (elev. 1,146.63 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.	
Neversink Reservoir (N):	Available storage Feb. 23, 2004 (0800)	34.991 billion gals.	100.1 % (elev. 1,440.10 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.	
Combined contents, PCN:	Available storage Feb. 23, 2004 (0800)	248.069 billion gals.	91.6 %
	Combined capacity at spillway level.	270.837 billion gallons.	
Lake Wallenpaupack:	Available storage Feb. 22, 2004 (2400)	17.842 billion gals.	50.3 % (elev. 1,180.4 ft.)
	Spillway crest elevation 1,190.00 ft.	35.451 billion gallons.	

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 16	0	45	142	25	51	174	2,063	2,500	0	2,994	0	1.20
17	0	45	152	25	315	156	2,207	2,900	0	2,994	0	1.20
18	0	45	159	25	369	145	1,957	2,700	0	2,994	0	1.20
19	0	45	164	25	282	85	1,999	2,600	0	2,994	0	1.20
20	0	45	169	25	355	89	1,917	2,600	0	2,994	0	1.20
21	0	45	173	25	317	89	1,951	2,600	0	2,994	.08	1.28
22	0	45	176	25	0	0	1,954	2,200	0	2,994	.02	1.30

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2003 is 11,418 cfs-days. Sixty percent is to be released under normal conditions and forty percent is to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 6.

Diversions by New Jersey through the D & R Canal February 16 - 22, 2004 averaged 90.7 mgd. The average diversion for the 30-day period ending February 22, 2004 was 89.7 mgd and the maximum diversion during the period was 103 mg on January 25, 26, and 28, 2004.

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Summary river data for February 23 - 29, 2004 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river				Diversions to New York City water supply				Average June 1, 2003 to date
	Pepacton	Cannonsville	Neversink		Pepacton	Cannonsville	Neversink		
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
Feb. 23	28	122	16	32	493	294	0	520	
24	28	96	16	36	493	294	0	521	
25	28	93	16	52	493	294	0	522	
26	28	102	16	53	493	195	0	523	
27	29	107	16	53	492	195	0	523	
28	29	110	16	48	492	195	0	524	
29	29	117	16	46	491	195	0	524	

Pepacton Reservoir (P):	Available storage Mar. 1, 2004 (0800) Spillway crest elevation 1,280.00 ft.	119.614 billion gals. 85.3 % (elev. 1,268.37 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 1, 2004 (0800) Spillway crest elevation 1,150.00 ft.	88.907 billion gals. 92.9 % (elev. 1,145.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 1, 2004 (0800) Spillway crest elevation 1,440.00 ft.	35.001 billion gals. 100.2 % (elev. 1,440.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 1, 2004 (0800) Combined capacity at spillway level.	243.522 billion gals. 89.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 29, 2004 (2400) Spillway crest elevation 1,190.00 ft.	18.018 billion gals. 50.8 % (elev. 1,180.5 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 23	0	45	204	25	0	0	1,956	2,230	0	2,994	0	1.30
24	0	43	229	25	106	103	1,984	2,490	0	2,994	0	1.30
25	0	45	189	25	82	71	1,998	2,410	0	2,994	.08	1.38
26	0	43	149	25	70	71	1,832	2,190	0	2,994	0	1.38
27	0	43	144	25	105	71	1,752	2,140	0	2,994	0	1.38
28	0	43	158	25	64	53	1,717	2,060	0	2,994	0	1.38
29	0	43	166	25	0	0	1,636	1,870	60	3,054	0	1.38

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2003 is 11,418 cfs-days. Sixty percent is to be released under normal conditions and forty percent is to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 6.

Diversions by New Jersey through the D & R Canal February 23 - 29, 2004 averaged 91.9 mgd. The average diversion for the 30-day period ending February 29, 2004 was 87.9 mgd and the maximum diversion during the period was 99 mg on February 4, 2004.